FIG. 2A

fig 2B
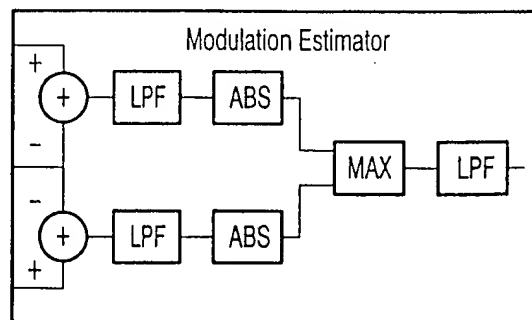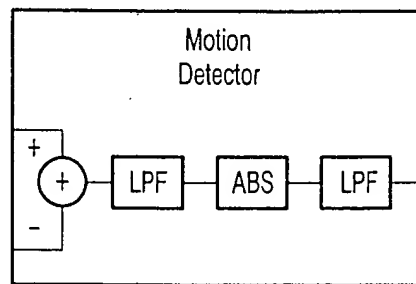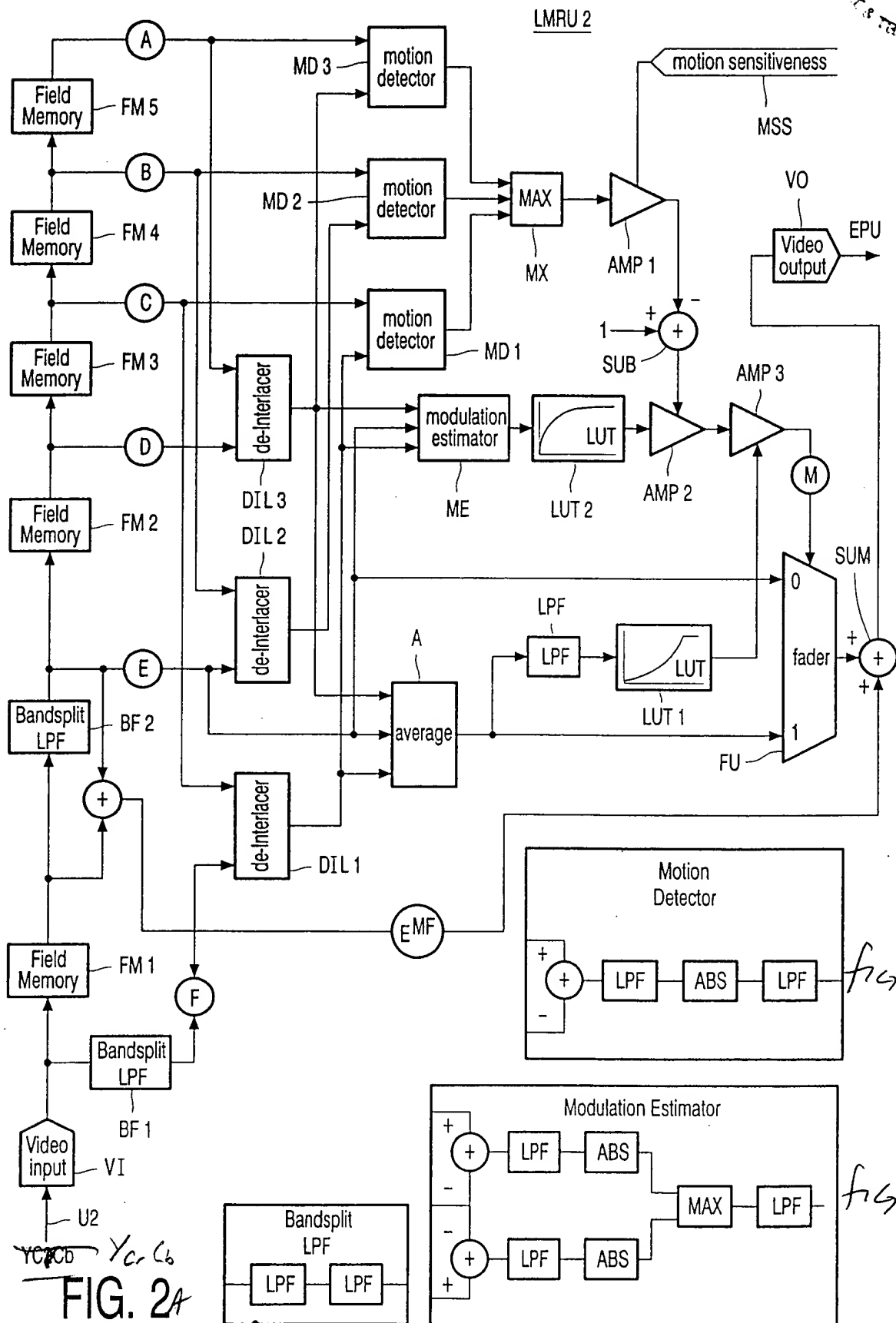
fig 2C

fig 2D